

## Starter

1) Which of these calculations are equal to 1?

$6 - 7$

$7 - 6$

$6 - 5$

$5 - 6$

2) 1 ten is equal to \_\_\_\_\_ ones

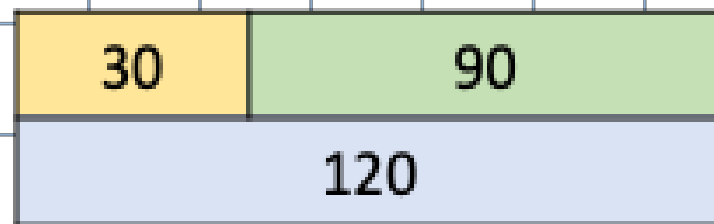
1 hundred is equal to \_\_\_\_\_ tens

3) Complete the calculations

$120 - 30 = \underline{\hspace{2cm}}$

$120 - \underline{\hspace{2cm}} = 30$

$90 = \underline{\hspace{2cm}} - 30$



# WALT: Subtract using the column method

Today, we will consolidate our subtraction using the column method.

**TTYP:** What do you remember about using the column method? What are the rules? What are some things to consider when using the column method?

- Writing the digits in the correct place value column
- Calculate the ones first
- Show your exchanges everytime.
- Write down the operation. Are you adding or subtracting in your column method?

$$\begin{array}{r} \overset{6}{\cancel{7}} \overset{1}{2} \\ 56 \\ \hline 16 \\ \hline \end{array}$$

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$$\begin{array}{r} 6712 \\ 56 \\ \hline 16 \end{array}$$

TTYP: Which of the following sums require an exchange? How do you know?

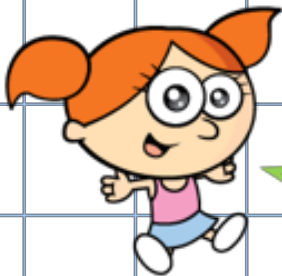
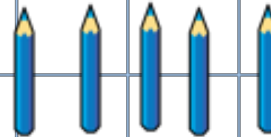
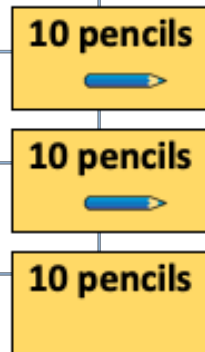
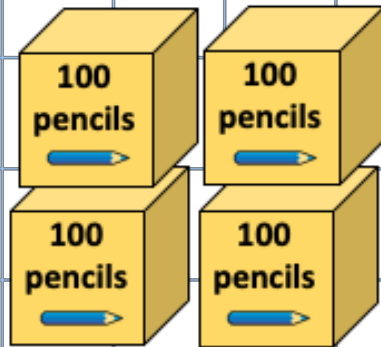
$217 - 3$

$621 - 5$

$240 - 2$

Exchange not needed	Exchange needed

# How many pencils will be left?

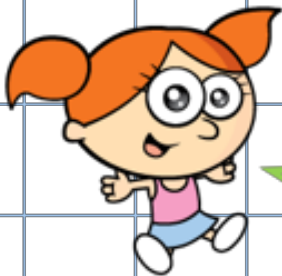
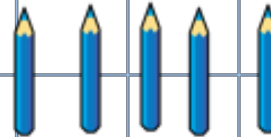
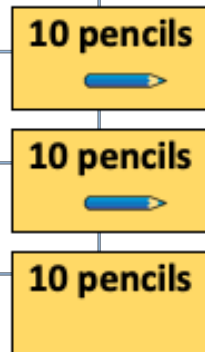
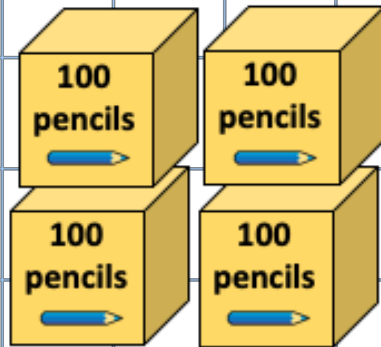


I've been sent to  
fetch 14 pencils.

What is the calculation? Will I  
need to exchange?



# How many pencils will be left?

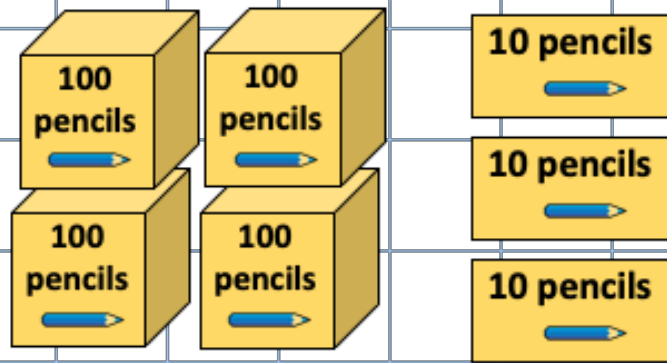


I've been sent to  
fetch 14 pencils.

What is the calculation? Will I  
need to exchange?

$$435 - 14 =$$

# How many pencils will be left?



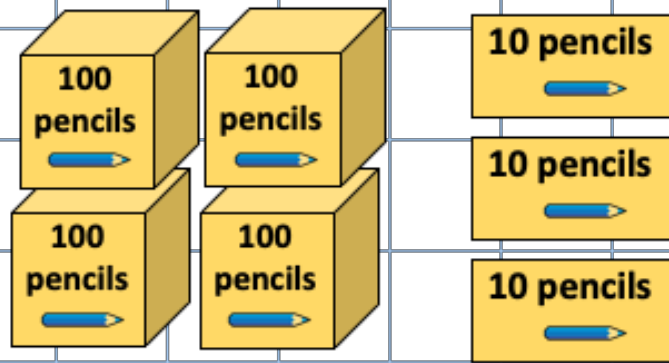
Please can I have  
16 pencils?



What is the calculation?  
Will I need to exchange?



# How many pencils will be left?



Please can I have  
16 pencils?



What is the calculation?  
Will I need to exchange?

$$431 - 16 =$$

$$487 - 45 =$$

$$487 - 45 =$$

[illegible]

10

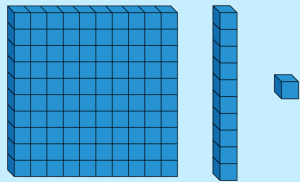
[illegible]

11

[illegible]

12

Subtract 20 from each number



$$725 \quad \xrightarrow{-20}$$

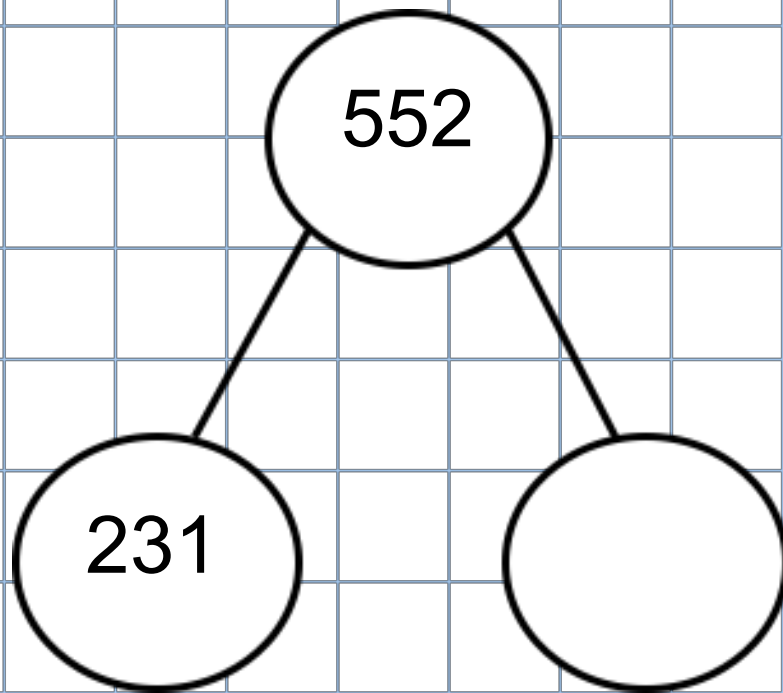
$$543 \quad \xrightarrow{-20}$$

$$816 \quad \xrightarrow{-20}$$

Which place value column will you be subtracting from?

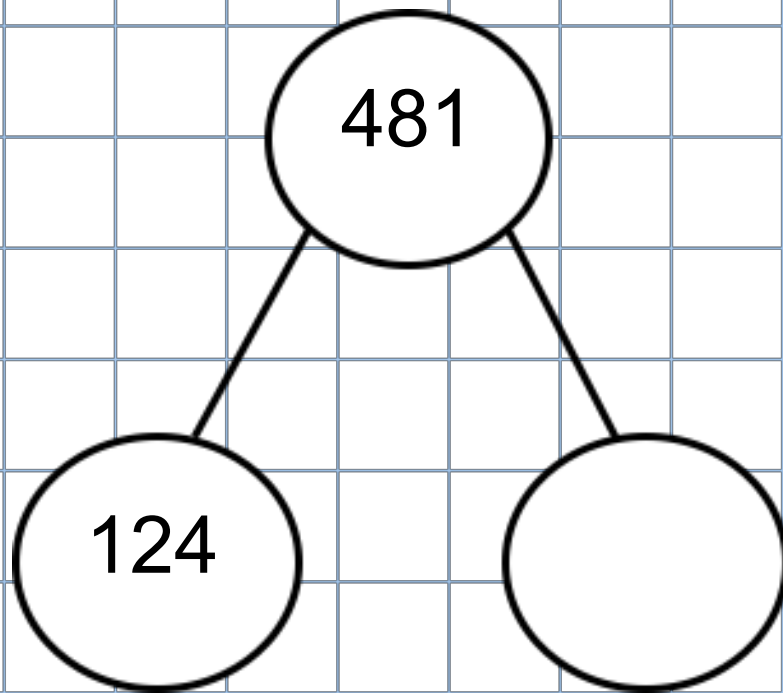
How would I solve this missing number problem?

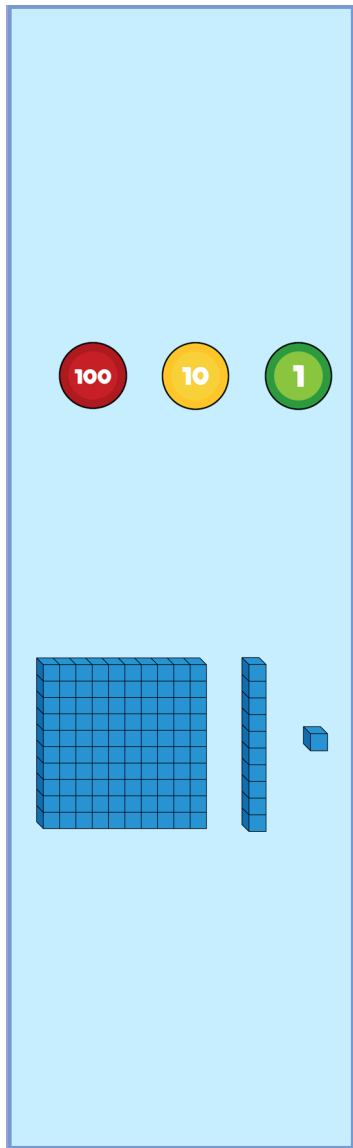
$$231 + \underline{\quad} = 552$$





How would I solve this missing number problem?

$$124 + \underline{\quad} = 481$$





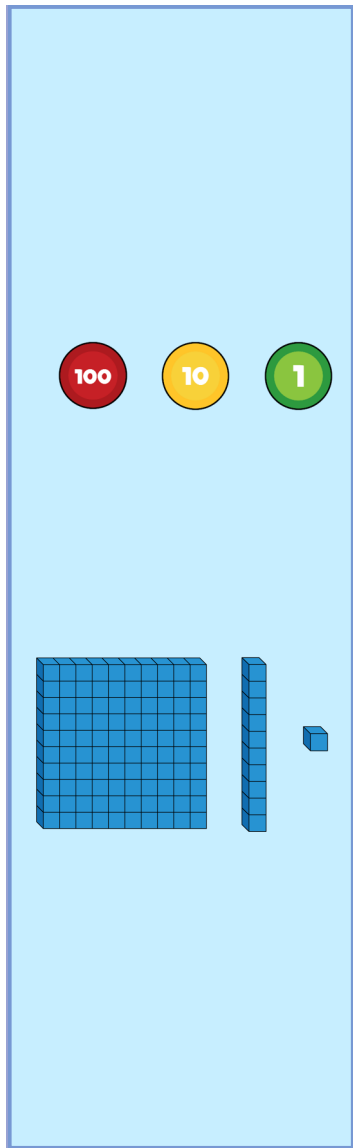
## Place Value Grid

Hundreds	Tens	Ones
		

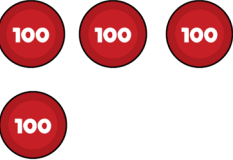
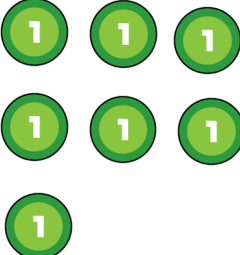
## Calculation

	H	T	O		
	3		5		
-		3	2		
	2	1			

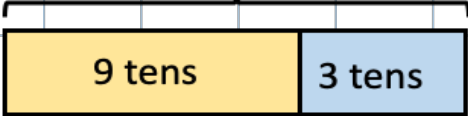
How would I solve this missing number problem? What number facts do I already know that will help me find the missing numbers?



## Place Value Grid

Hundreds	Tens	Ones
		

## Calculation

	H	T	O		
	4		7		
-		3	4		
	2	9			
	$? - 3 \text{ tens} = 9 \text{ tens}$				
	12 tens				
					

How would I solve this missing number problem? What number facts do I already know that will help me find the missing numbers?

## Activity

Practise using the column method to subtract two and three digit numbers.

### Remember:

- Write digits in the correct place value column
- Calculate from the ones first
- Show your exchanges everytime.
- Write down the operation. Are you adding or subtracting in your column method?

$$\begin{array}{r} 67^{12} \\ 56 - \\ \hline 16 \end{array}$$